

January 28, 2011

To: Executive Board

Subject: **Foothill Transit Ecoliner Update**

Recommendation

Receive and file the Foothill Transit Ecoliner Update.

Background

On April 24, 2009 the Foothill Transit Executive Board approved a unique electric bus project utilizing in-route fast charging and renewable energy supplies through an agreement with bus manufacturer Proterra of Golden, Colorado. The Ecoliner project is among the most environmentally conscious projects in the transit industry today and is garnering considerable interest domestically and internationally. Foothill Transit's experience is setting the standard for the development of many similar projects.

Attachment A is the fourteenth issue of the Foothill Transit Ecoliner Update. The Ecoliner Update Report serves as the communication conduit for the project's goals, processes, challenges, and outcomes. The report details project developments and is distributed electronically to industry peers, partners, and stakeholders.

Sincerely,



Lauren Cochran
Senior Operations Analyst



Doran J. Barnes
Executive Director

Attachment

Ecoliner

Zero Emissions Electric Vehicle

Daily Revenue Service

All three Ecoliner buses are running in daily revenue service on line 291 and have accumulated nearly 5,000 in-service miles. Data collected from the onboard acquisition system, monitored by Proterra, continues to indicate overall energy efficiency is as good as or better than initially expected.



Ecoliner in service on Garey Ave.

Charging Station in Final Stages

In December, the chargers were installed at the Pomona Transit Center (PTC) and the pole and mast arm were erected mid-January. Ecoliner docking and simulation is expected to begin mid-January at the PTC.



Charging pole erected at PTC

Want more?

We are now accepting emails specifically related to Ecoliner. Contact us at Ecoliner@foothilltransit.org with questions, comments, or to request a copy of this report. Ecoliner Updates are now available online at <http://foothilltransit.org/library/>.



Charge arm connected to pole



Foothill Transit

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